

**COMPOSITIONS AND METHODS FOR TREATING  
CANCER AND HYPERPROLIFERATIVE DISORDERS**

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**ABSTRACT OF THE INVENTION**

Compositions and methods effective for eliciting  
an immune response for inhibiting abnormal or undesirable  
cell proliferation, particularly endothelial cell proliferation  
and angiogenesis related to neovascularization and tumor  
10 growth are provided. The compositions comprise a naturally  
occurring or synthetic protein, peptide, or protein fragment  
containing all or an active portion of a growth factor in a  
pharmaceutically acceptable carrier. The preferred growth  
factors comprise basic fibroblast growth factor and vascular  
15 endothelial growth factor. The methods involve administering  
to a human or animal the compositions described herein in a  
dosage sufficient to elicit an immune response. The methods  
are useful for treating diseases and processes mediated by  
undesired and uncontrolled cell proliferation, such as cancer,  
20 particularly where uncontrolled cell proliferation is influenced  
by the presence of growth factors. Administration of the  
composition to a human or animal having metastasized tumors  
is useful for preventing the growth or expansion of such  
tumors.

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